

Electronic Cigarettes and the Public Health: A Public Workshop



CENTER FOR TOBACCO PRODUCTS
The Marriott Inn and Conference Center
University of Maryland University College
Hyattsville, Maryland

June 1-2, 2015
Agenda

June 1

8:00 – 8:15 am

Welcome and Opening Remarks

Carolyn Dresler, MD, MPA
Associate Director for Medical and Health Sciences
Workshop Moderator
FDA Center for Tobacco Products

Logistics and Procedures

Jeannie Limpert, MD
Medical Officer
FDA Center for Tobacco Products

8:15 – 9:30 am

Prevalence and Patterns of Use

Patterns and Correlates of E-cigarette Use among U.S. Adults: Findings from National Surveillance Data

Brian A. King, PhD, MPH
Centers for Disease Control and Prevention

Drug Use Patterns of Adolescent E-cigarette Users

Richard A. Miech, PhD
University of Michigan

Adolescent E-cigarette Use: What We Already Know

Lauren McCarl Dutra, ScD
University of California, San Francisco

Tobacco Use Behaviors among Adult E-Cigarette Users

Geoffrey M. Curtin, PhD
RAI Services Company

Operationalizing the Public Health Standard: What the Science Tells Us About E-cigarettes

David B. Abrams, PhD
Schroeder Institute for Tobacco Research and Policy Studies, Legacy;
The Johns Hopkins Bloomberg School of Public Health

9:30 – 10:15 am Clarifying Questions and Panel Discussion

Panelists:

- David B. Abrams, PhD (Legacy and Johns Hopkins)
- Geoffrey M. Curtin, PhD (RAI Services Company)
- Lauren McCarl Dutra, ScD (UCSF)
- Brian A. King, PhD, MPH (CDC)
- Richard Miech, PhD (University of Michigan)

10:15 – 10:30 am Break**10:30 – 11:45 am Reasons for Use, Flavor, and Product Appeal**

Adults' E-Cigarette Use: Reasons for Trying, Using, and Stopping

Jessica K. Pepper, PhD
Lineberger Comprehensive Cancer Center
University of North Carolina

Use, Appeal and Access to E-cigarettes among Youth

Suchitra Krishnan-Sarin, PhD
Yale University School of Medicine

E-cigarettes and Smoking Cessation: Insights and Pitfalls from Observational Studies

Jennifer Pearson, PhD MPH
Schroeder Institute for Tobacco Research and Policy Studies, Legacy

Flavors in E-cigarettes: Promise or Peril?

Saul Shiffman, PhD
Pinney Associates and University of Pittsburgh

Patterns in Use Behaviors across Electronic Cigarette Device Types

Youn Ok Lee, PhD
RTI International

11:45 – 12:15 pm Clarifying Questions and Panel Discussion

Panelists:

- Spike Babaian (Vape NY)
- Suchitra Krishnan-Sarin, PhD (Yale)
- Youn Ok Lee, PhD (RTI International)
- Robert McMillen, PhD (Mississippi State University)
- Jennifer Pearson, PhD MPH (Legacy)
- Jessica K. Pepper, PhD (UNC)
- Saul Shiffman, PhD (Pinney Associates; University of Pittsburgh)

12:15 – 1:15 pm Lunch**1:15 – 2:15 pm Marketing**

Smoking Revolution? A Study of Retail Website E-cigarette Marketing

Rachel Grana, PhD, MPH
National Cancer Institute

Effects of E-cigarette Advertising on Explicit and Implicit Attitudes among Young Adults

Pallav Pokhrel, PhD, MPH
Cancer Prevention and Control Program
University of Hawaii Cancer Center

E-Cigarette Use, Cognitions, and Ad Exposure: Interim Results from the UPenn Youth and Young Adult Survey

Laura Gibson, PhD
University of Pennsylvania

A Randomized Trial of the Effect of E-cigarette Television Ads on Intentions to Use E-cigarettes

Matthew Farrelly, PhD
RTI International

2:15 – 2:45 pm

Clarifying Questions and Panel Discussion

Panelists:

- *Matthew Farrelly, PhD (RTI International)*
- *Laura Gibson, PhD (University of Pennsylvania)*
- *Rachel Grana, PhD, MPH (NCI)*
- *Pallav Pokhrel, PhD, MPH (University of Hawaii)*

2:45 – 3:00 pm

Break

3:00 – 4:15 pm

Knowledge, Attitudes, and Beliefs

Assessing Adolescents' and Young Adults' Perceptions of Health Risks, Social Risks, Addiction and Benefits across Tobacco Products

Bonnie Halpern-Felsher, PhD, FSAHM
Stanford University School of Medicine

Knowledge of E-cigarettes in Young Adults

Ashley Sanders-Jackson, PhD
Stanford University School of Medicine

Message Framing for Preventing Electronic Cigarette Use among Adolescents and Young Adults

Grace Kong, PhD
Yale School of Medicine

Overview of Recent Data Regarding Individual Perceptions of E-cigarettes, Flavors of Interest, and Reasons for Use or Discontinued Use

Carla J. Berg, PhD
Emory Winship Cancer Institute

Is Exposure to E-cigarette Communication Associated with Perceived Harms of E-cigarette Secondhand Vapor?

Andy Tan, PhD, MPH, MBA, MBBS
Dana-Farber Cancer Institute and Harvard T.H. Chan School of Public Health

4:15 – 5:00 pm

Clarifying Questions and Panel Discussion

Panelists:

- *Carla J. Berg, PhD (Emory)*
- *Bonnie Halpern-Felsher, PhD, FSAHM (Stanford)*
- *Grace Kong, PhD (Yale)*
- *Erica Peters, PhD (Battelle Memorial Institute)*
- *Ashely Sanders-Jackson, PhD (Stanford)*
- *Andy Tan, PhD, MPH, MBA, MBBS (Harvard)*

End of Workshop – Day 1

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June 2, 2015
Agenda

June 2

8:00 – 8:05 am

Welcome
Jeannie Limpert, MD
Medical Officer
FDA Center for Tobacco Products

8:05 – 9:05 am

Public Comment Session

9:05 – 10:05 am

Exhaled E-cigarette Aerosols: Evaluation of Constituents and Exposure

Relating Airborne Contaminant Emissions to Occupant Exposure
Andrew Persily, MA, PhD
National Institute of Standards and Technology

Methods for Personal Level Measurements of Secondhand Exposure to Electronic Cigarette Emissions
Jonathan Thornburg, PhD
Research Triangle Institute

ALCS Controlled Clinical Study to Evaluate Constituents Released When E-vapor Products are Used
Mohamadi Sarkar, MPharm, PhD
Altria Client Services

Clarifying questions

10:05 – 10:15 am

Break

10:15 – 11:05 am

Exhaled E-cigarette Aerosols: Evaluation of Constituents and Exposure (continued)

Assessment of Indoor Air after E-Cigarette Use: Modelled and Experimental Findings
John D. Pritchard
Imperial Tobacco Limited, UK

Chemical Emissions from E-cigarettes: Direct and Indirect Passive Exposures
Francis (Bud) J. Offerman, PE, CIH
Indoor Environmental Engineering

Nicotine Residues in Houses of Electronic Cigarette Users, Tobacco Smokers and Non-Smokers
Maciej Goniewicz, PhD, PharmD
Roswell Park Cancer Institute

11:05 – 12:00 pm

Clarifying Questions and Panel Discussion

Panelists:

- *Maciej Goniewicz, PhD, PharmD (Roswell Park Cancer Institute)*
- *Francis (Bud) J. Offerman, MSME, PE, CIH (Indoor Environmental Engineering)*
- *Andrew Persily, MA, PhD (National Institute of Standards and Technology)*
- *John D. Pritchard (Imperial Tobacco Limited, UK)*
- *Mohamadi Sarkar, MPharm, PhD (Altria Client Services)*
- *Jonathan Thornburg, PhD (Research Triangle Institute)*

12:00 – 1:00 pm

Lunch

1:00 – 2:30 pm

Health Effects of Secondary and Tertiary E-cigarette Exposures

Biomarkers of Exposure to Secondhand Tobacco Smoke and Electronic Cigarette Emissions: Implications for Predicting Adverse Health Consequences

Neal L. Benowitz, MD

University of California, San Francisco

Assessing Second-Hand E-cigarette Aerosol Exposure using ¹³C₃-labeled Propylene Glycol

Donald Graff, PharmD

Celerion

Impact of E-Cigarettes on Lung Growth and Behavior in a Mouse Model

J. Michael Collaco, MD, MBA, MPH

Johns Hopkins Medicine

Clarifying questions

Electronic Nicotine Delivery Systems: Nonuser Adverse Experiences Reported to FDA/CTP

Jeannie Limpert, MD

FDA Center for Tobacco Products

Calls to U.S. Poison Centers Involving Exposure to Electronic Cigarettes

Kevin Chatham-Stephens, MD

Centers for Disease Control and Prevention

Clarifying questions

2:30 – 2:45 pm

Break

2:45 – 3:30 pm

Panel Discussion

Panelists:

- Diane M. Ashton, MD, MPH (March of Dimes Foundation National Office)
- Neal Benowitz, MD (UCSF)
- Kevin Chatham-Stephens, MD (CDC)
- Joseph Michael Collaco, MD (Johns Hopkins)
- Donald Graff, PharmD (Celerion)
- Carl Phillips, PhD (CASAA)

End of Workshop – Day 2